

ABSTRACT

A cathode ray tube mounted with: a front glass panel; a funnel connected to the panel, thereby forming a vacuum tube; an electron gun emitting electron beams; and a deflection yoke deflecting the electron beams emitted from the electron gun in the horizontal and vertical direction; wherein the deflection yoke comprises: a deflection coil wound of a coil wire deflecting the electron beams; wherein the coil wire has a core reinforcing a magnetic field generated around the deflection coil, and the deflection coil wire comprises an aluminum core; a copper layer surrounding the aluminum core; and an insulating layer surrounding the copper layer